

SECTION 01090

MATERIALS AND EQUIPMENT

PART 1 - GENERAL

1.1 Requirements Included.

(a) Material and equipment incorporated into the work:

1. Conform to applicable specifications and standards.
2. Comply with size, make, type and quality specified, or as specifically approved in writing by the CO.
3. Manufactured and Fabricated Products: Design, fabricate and assemble in accordance with the best engineering and shop practices.
4. Do not use material or equipment for any purpose other than for which it is designed or is specified.

1.2 Related Requirements.

- (a) Part I, Section E, F, G.
- (b) Section 01300: Submittals
- (c) Occupational Safety and Health Standards for Construction (29 CFR PART 1926)
Subpart H - Materials Handling, Storage, Use and Disposal

1.3 Manufacturer's Instructions.

- (a) When Contract Documents requires that installation of work shall comply with manufacturer's printed instructions, obtain and distribute copies of such instructions to parties involved in the installation, including two copies to the RE.
- (b) Handle, install, connect, clean, condition and adjust products in strict accordance with such instructions and in conformity with specified requirements.
 1. Should job conditions or specified requirements conflict with manufacturer's instructions, consult with the RE for further instructions.
 2. Do not proceed with work without clear instructions.
- (c) Perform work in accordance with manufacturer's instructions. Do not omit any preparatory step or installation procedure unless specifically modified or exempted by Contract Documents.

1.4 Transportation and Handling.

- (a) Arrange deliveries of products in accordance with construction schedules, coordinate to avoid conflict with work and conditions at the site.
 1. Deliver products in undamaged condition, in manufacturer's original containers or packing, with identifying labels intact and legible.

2. Immediately on delivery, inspect shipments to assure compliance with requirements of Contract Documents and approved submittals, and that products are properly protected and undamaged.
- (b) Provide equipment and personnel to handle products by methods to prevent soiling or damage to products or packing.

1.5 Storage.-

- (a) Store products in accord with manufacturer's instructions, with seals and labels intact and legible.
 1. Store products subject to damage by the elements in weather tight enclosures.
 2. Maintain temperature and humidity within the ranges required by manufacturer's instructions.
- (b) Arrange storage in a manner to provide easy access for inspection.

END OF SECTION